

ABSTRACT OF THE DISCLOSURE

INTRUSION DETECTION SYSTEM

An intrusion detection system monitors the rate and characteristics of Internet
5 attacks on a computer network and filters attack alerts based upon various rates and
frequencies of the attacks. The intrusion detection system monitors attacks on other
hosts and determines if the attacks are random or general attacks or attacks
directed towards a specific computer network and generates a corresponding signal.
The intrusion detections system also tests a computer network's vulnerability to
10 attacks detected on the other monitored hosts.